

# Math 217 - Summer 2009

## Differential Equations

**Instructor:** Drew Lewis

**Class:** MTWRF 11:00-12:30 in 115 Cupples I

**Office:** 203 Cupples I

**Office Hours:** MTWR 1:00-2:00

**E-mail:** andrew@math.wustl.edu

or by appointment

### Website

<http://www.math.wustl.edu/~andrew/m217s09.html>

### Textbook

*Elementary Differential Equations and Boundary Value Problems 9th Edition*, Boyce and DiPrima. The 8th edition should also be sufficient.

### Course Outline and Grades

We will cover at least chapters 1-7 and chapter 9. If time permits at the end of the course, we will cover additional topics from chapters 8 and 11. The exams are *tentatively* scheduled as follows:

- Exam I: Chapters 1-3 on June 22
- Exam II: Chapters 4-5 on July 6
- Exam III: Chapters 6-7 on July 20
- Final Exam: Cumulative Exam on July 31

All exams (including the final) are given during the regularly scheduled class time, and will thus be 90 minutes long. The first three exams will count for 15% each. The final will count for 30%. The remaining 25% will come from weekly homework assignments.

### Calculator Policy

You may use any calculator for the course. Keep in mind, however, that you will be graded on your work, not just the answer. A calculator will be unnecessary for the bulk of the course, and a simple scientific calculator will suffice for the few other instances.

### Homework

Weekly homework assignments will be due each Friday except for the final week. In weeks immediately before an exam, if you would like your homework returned graded for use in studying for an exam the following Monday, you must turn it in on the preceding Thursday in class and I will return it to you the following class. It is expected that you work additional problems on your own; the purpose of the assignments are to provide you with feedback prior to tests.

### Makeups

Arrangements for a makeup exam must be made in advance, except for extenuating circumstances. The definition of "extenuating" will be up to the instructor.

### Students with Disabilities

Inform your instructor ASAP of special needs that you may have. Check with Cornerstone for more information <http://disability.wustl.edu/disabilityResources/index.htm>

**Academic Integrity**

It is your responsibility to be aware of and adhere to the University's policy on Academic Integrity. More information can be found at <http://www.wustl.edu/policies/undergraduate-academic-integrity.html>

**Changes**

This syllabus is subject to change at any time. Any changes will be announced in class; it is your responsibility to be aware of these changes.